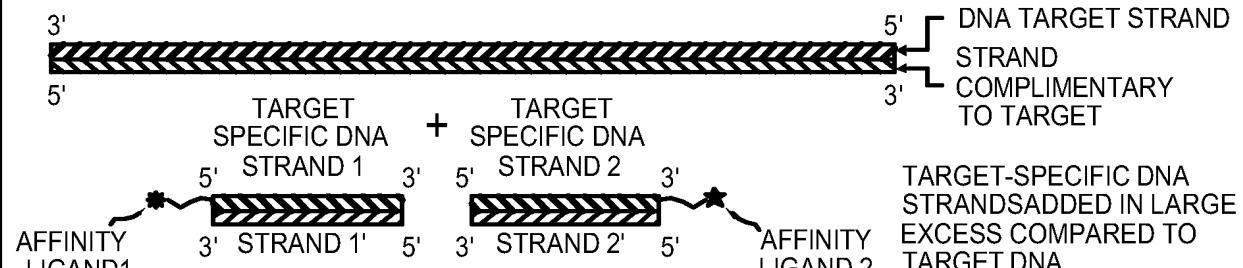


Replacement Sheet

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FIG. 1A



HYBRIDIZATION

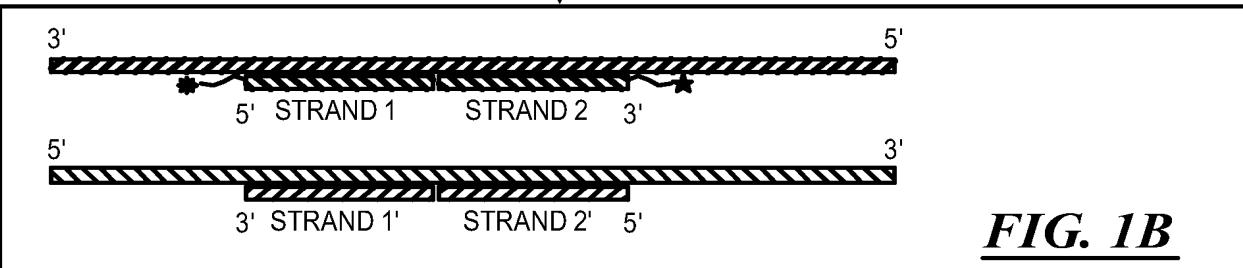


FIG. 1B

↓ LIGATION (MULTIPLE CYCLES)

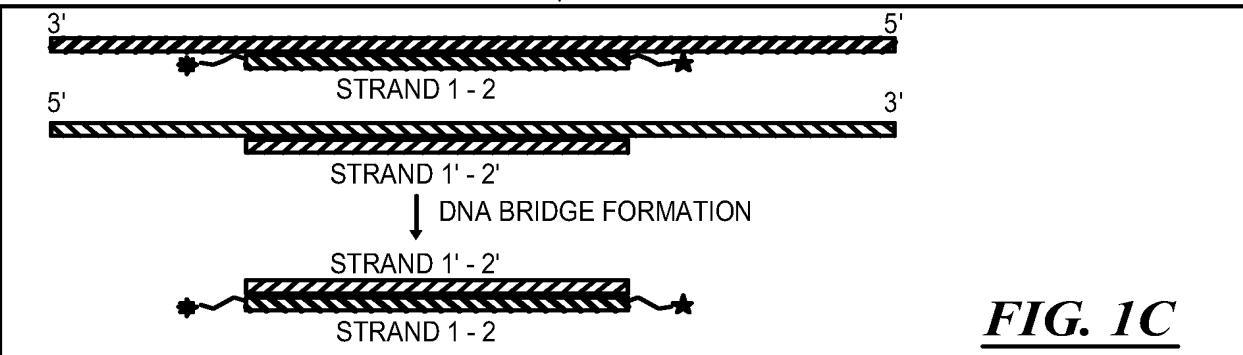


FIG. 1C

↓ ATTACH DNA TO MOLECULAR MOTOR AND
DETECTION PROBE

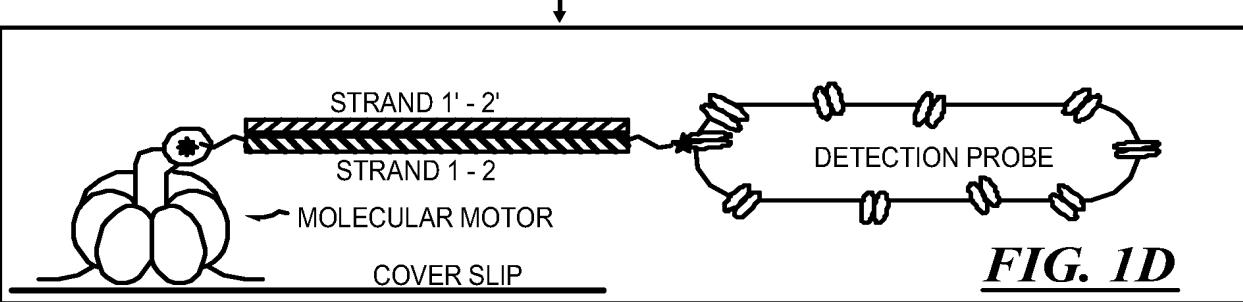


FIG. 1D

FIG. 2A

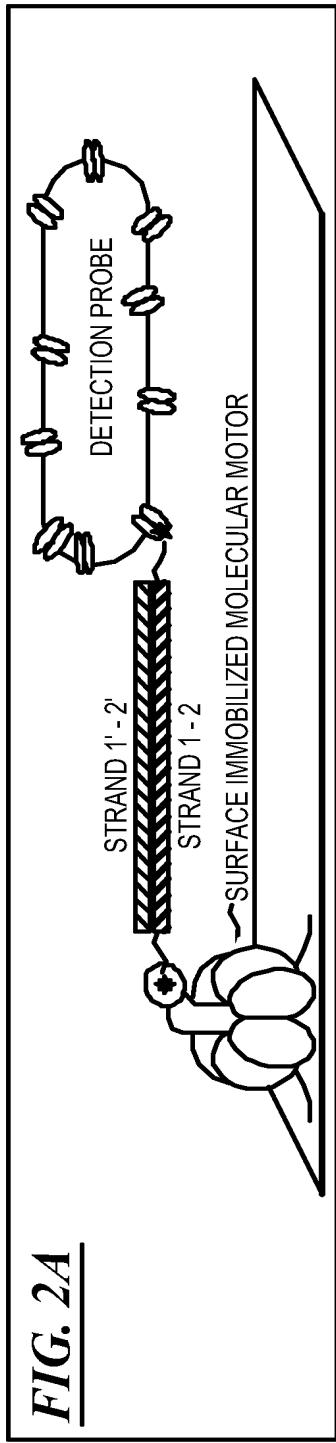
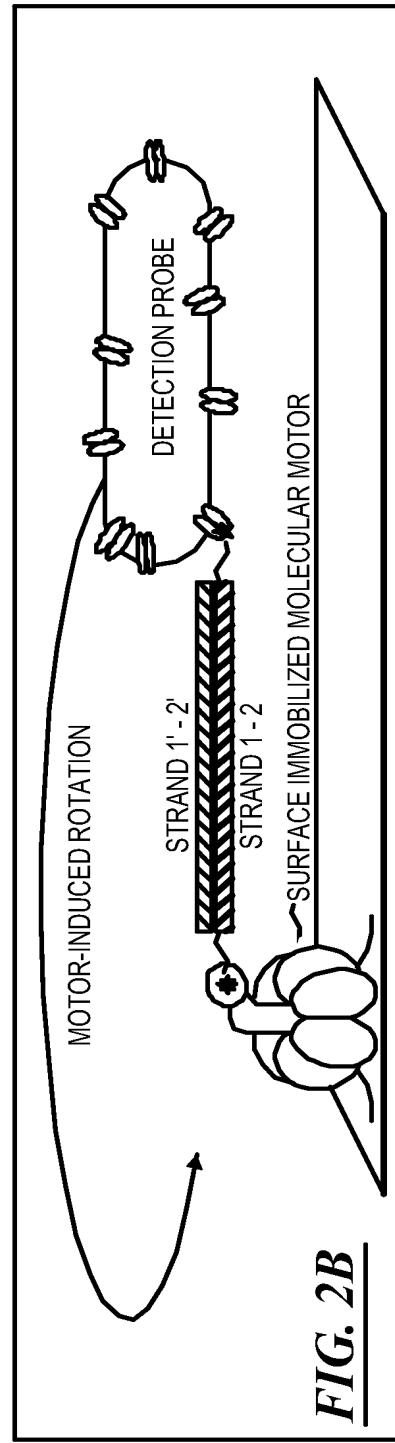


FIG. 2B



Replacement Sheet
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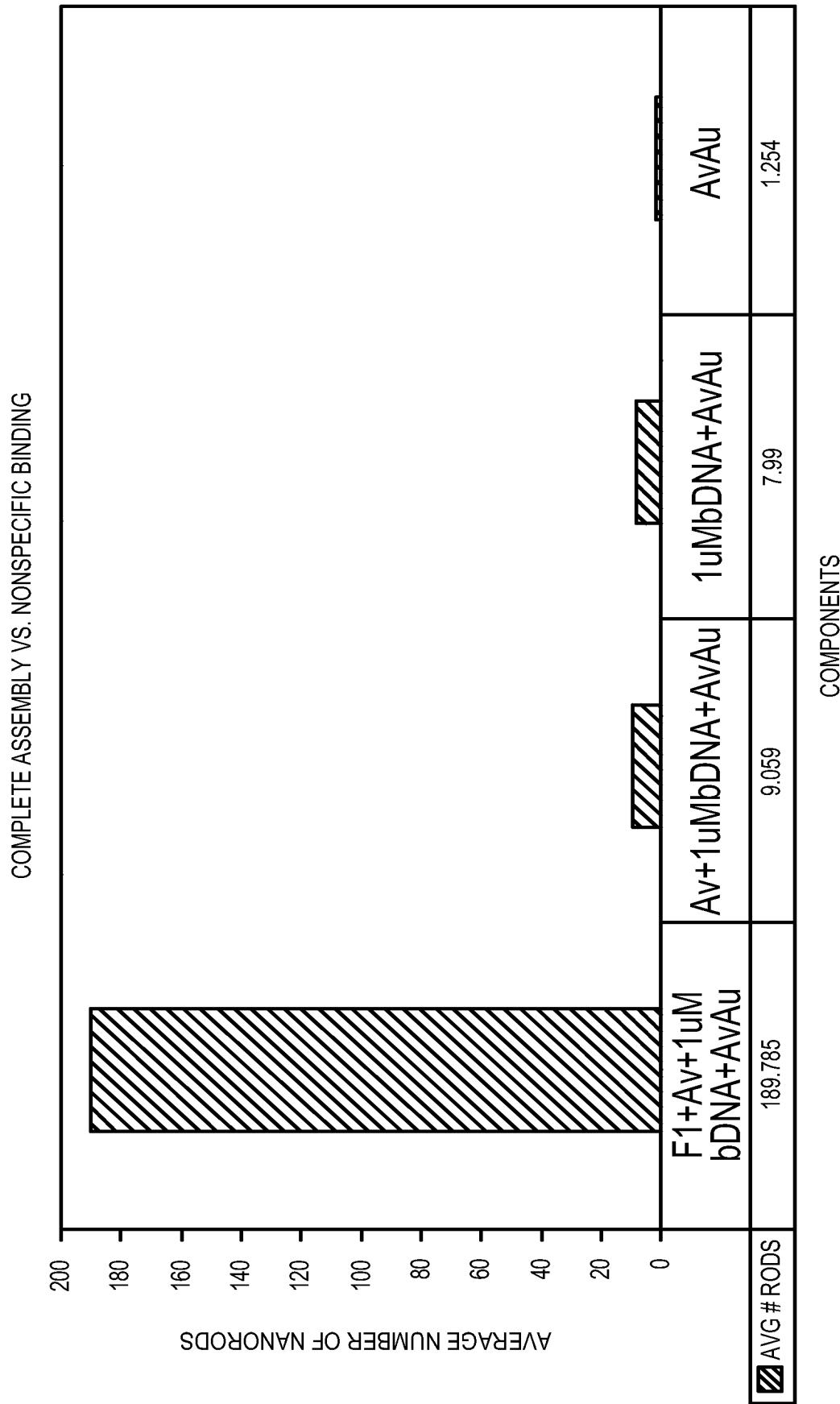


FIG. 3

Replacement Sheet
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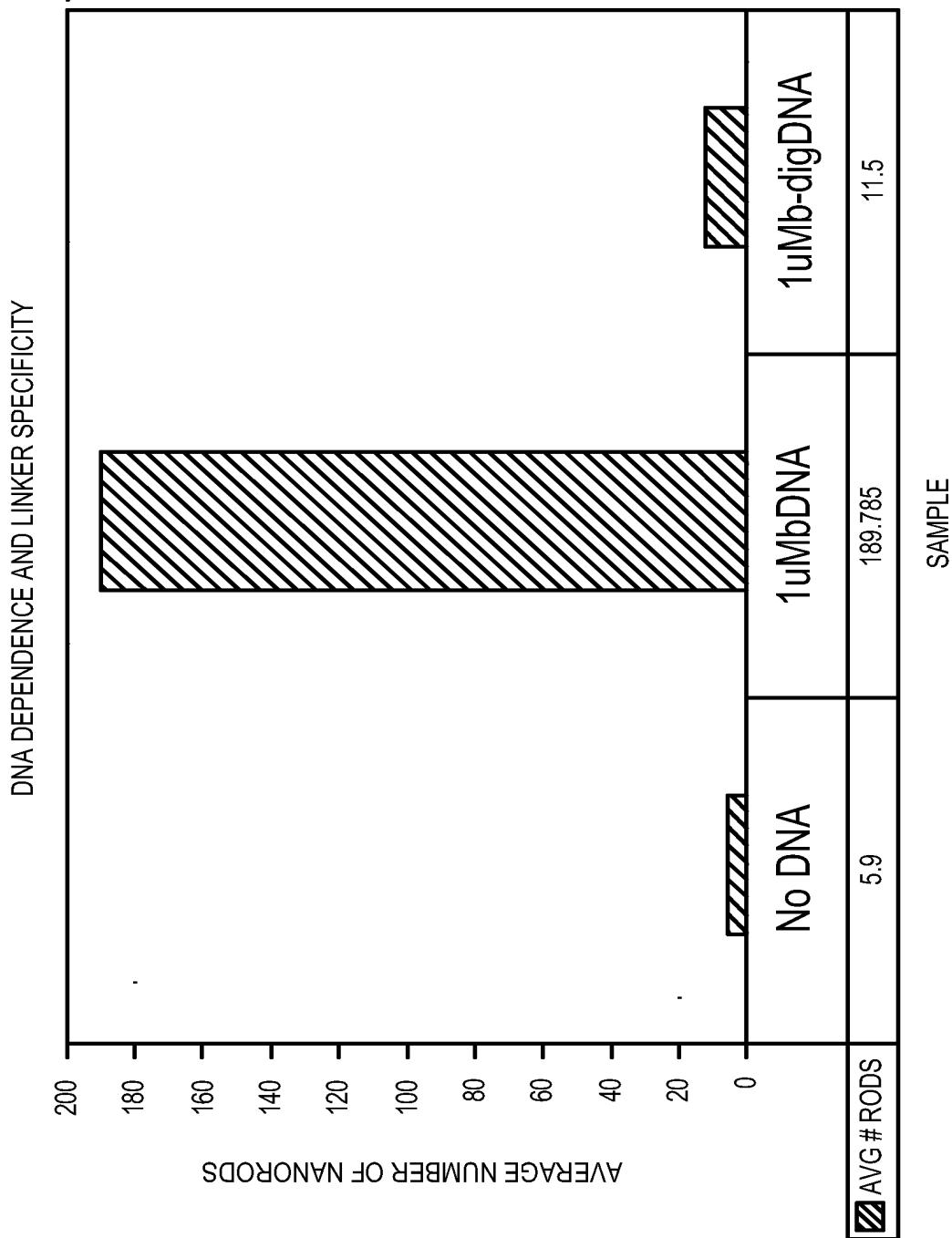


FIG. 4

Replacement Sheet
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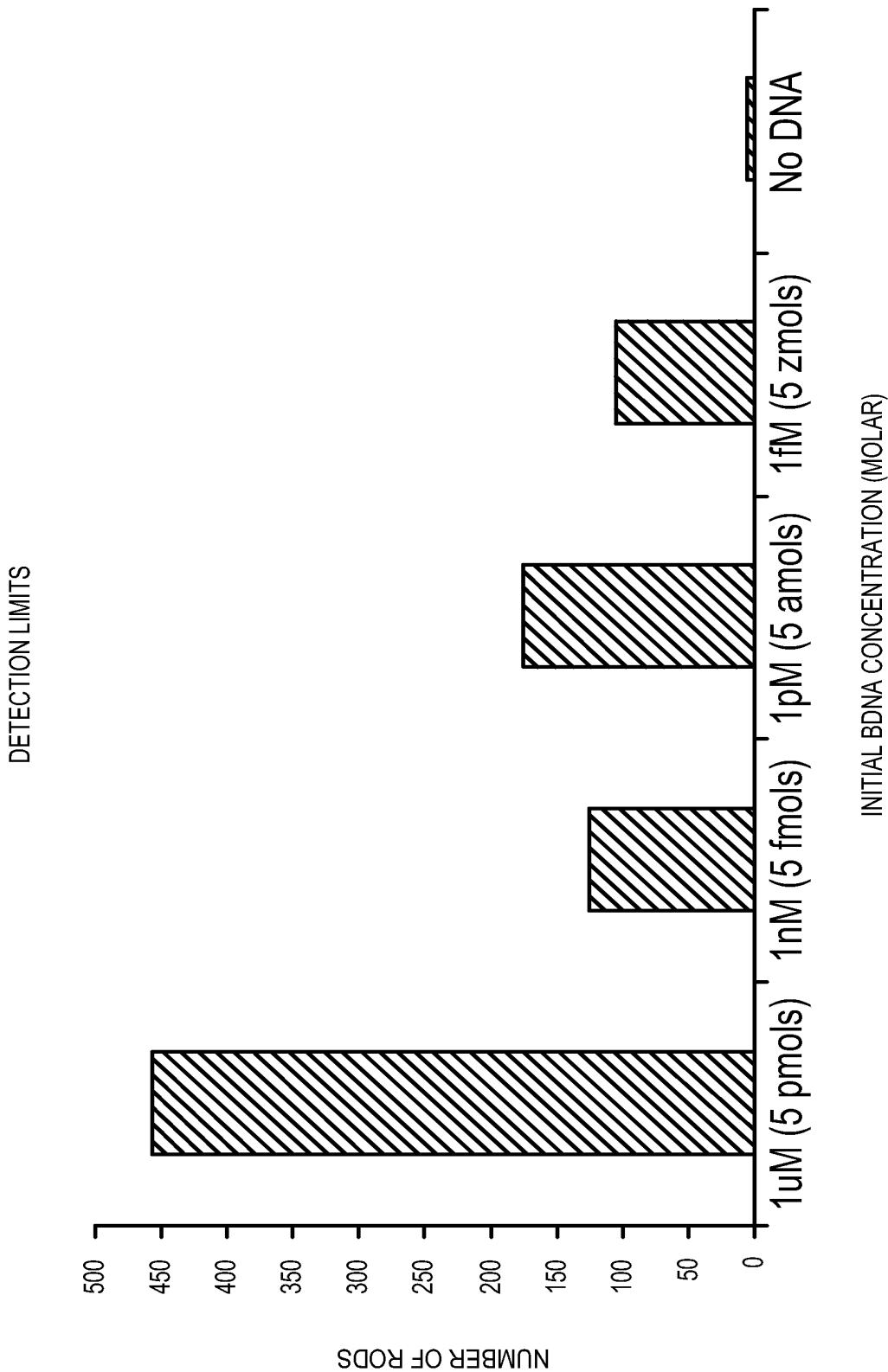


FIG. 5

FIG. 6A

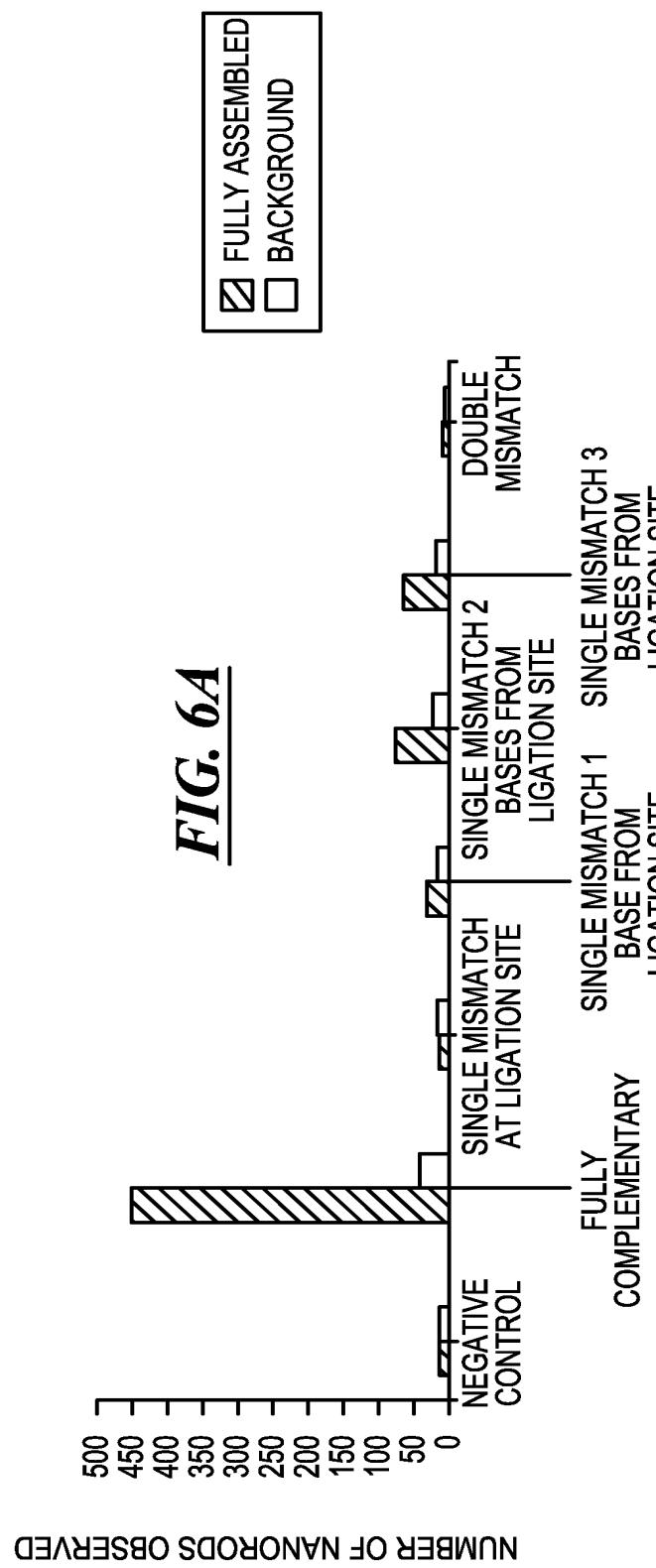


FIG. 6B

